

# PYCKO SCIENTIFIC LIMITED

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Your Alternative  
To The Obvious

## MODEL 44-9 PANCAKE G-M DETECTOR

*The Model 44-9 is a  
pancake G-M that can  
be used with several  
different instruments  
including survey meters,  
scalers, ratemeters,  
and alarm ratemeters*



**INDICATED USE:** Alpha beta gamma survey; Frisking

**DETECTOR:** Pancake type halogen quenched G-M

**WINDOW:**  $1.7 \pm 0.3$  mg/cm<sup>2</sup> mica

**WINDOW AREA:**

Active - 15 cm<sup>2</sup>

Open - 12 cm<sup>2</sup>

**EFFICIENCY(4pi geometry):** Typically 5%<sup>-14C</sup>; 22%<sup>-90Sr/90Y</sup>; 19%<sup>-99Tc</sup>; 32%<sup>-32P</sup>;  
15%<sup>-239Pu</sup>

**SENSITIVITY:** Typically 3300 cpm/mR/hr (<sup>137</sup>Cs gamma )

**ENERGY RESPONSE:** Energy dependent

**DEAD TIME:** Typically 80 microseconds

**COMPATIBLE INSTRUMENTS:** General purpose survey meters, ratemeters, and  
scalers

**OPERATING VOLTAGE:** 900 volts

**CONNECTOR:** Series "C" (others available )

**CONSTRUCTION:** Aluminum housing with beige polyurethane enamel paint

**TEMPERATURE RANGE:** -4° F(-20° C) to 122° F(50° C)

May be certified for operation from -40° F(-40° C) to 150° F(65° C)

**SIZE:** 1.8" (4.6 cm)H X 2.7" (6.9 cm)W X 10.7" (27.2 cm)L

**WEIGHT:** 1 lb (0.5kg)